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	INFORMATION	DISCLO	S/JRE		Application Number	10/807,366	
	STATEMENT B	Y APPLIC	ANTIUH 24	WW	Riling Date	03/24/2004	-,
	Date Submitted:		1		∦ irst Named Inventor	Akihiro WASAI	
	Date Submitted.	June 24,	1		Group Art Unit	3742	
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Sheet	1	of	1		Attorney Docket Number	065905-0316	

				U.S. PATENT DOCUMENTS	6	
_	0	U.S. Patent D	ocument	Name of Detector on Applicant of	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
771/	A1	2003/0215255	A1	KINOUCHI ET AL.	11-20-2003	
DIV	A2	2003/0219271	A1	KINOUCHI ET AL:	11-27-2003	
AW.	А3	6,725,000	B2	TAKAGI ET AL.	04-20-2004	
731/	A4	6,337,969	B1	TAKAGI ET AL.	01-08-2002	
74/1/	A5	6,415,128	B1	TAKAGI ET AL.	07-02-2002	
33W/	A6	6,522,846	B2	KINOUCHI ET AL.	02-18-2003	
73W	A7	6,724,999	B2	KIKUCHI ET AL.	04-20-2004	
-DW	A8	2003/0091362	A1	KINOUCHI ET AL.	05-15-2003	

			U.S	. PATENT APPLICATION DOCU	JMENTS		
Cuprings	Cito	U.S. Patent Application Document		Name of Patentee or Applicant of	Filing Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No. ¹	Serial Number	Kind Code ² (if known)	Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
TIW	A9	10/391,621		WASAI	03-20-2003		
731	A10	10/455,419		TAKAGI ET AL.	06-06-2003		
TOW	A11	10/806,392		TAKAGI ET AL.	03-23-2004		
TO W	A12	10/807,428		KIKUCHI ET AL.	03-24-2004		

				FC	DREIGN PATENT DOCUMEN	TS		
Examiner Initials*	Cite No. ¹	Fore Office ³	Foreign Patent Document		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T₽
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1 of 1

Sheet

Application Number 10/807,366

Filing Date 03/24/2004

First Named Inventor Akihiro WASAI

Group Art Unit 3742

Examiner Name Unassigned

Attorney Docket Number 065905-0316

Complete if Known

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Examiner Initials*	Cite No. ¹	Serial Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
TW	A1	10/872,472		KINOUCHI ET AL.	06-22-2004	
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	INFORMAT	ON DISCLO	SURE	Application Number	Unassigned	
	STATEMEN	IT BY APPL	ICANT	Filing Date	03/24/2004	
Date Submitted: March 24, 2004				First Named Inventor	Akihiro WASAI	
	Date Submit	ea: March 2	4, 2004	Group Art Unit	Unassigned	
	use as many	sheets as ne	cessary)	Examiner Name	Unassigned	
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U.S. PATENT DOCUMENTS								
	04	U.S. Patent Document		None of Detector on Applicant of	Date of Publication of	Pages, Columns, Lines, Where Relevant		
	Cite No. ¹	Number	Kind Code ² (if known)	 Name of Patentee or Applicant of Cited Document 	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear		
WCF	A1	2002/0031381	A1	MIYAHARA ET AL.	03-14-2002			

Examiner Initials*	Cite No.1	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	16
		Office ³ Number ⁴ Kind Code ⁵ (if known)						
TIV	A2	JP	2001-312165	A	RICOH CO., LTD. ET AL.	11-09-2001		Abstract

NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.						
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